CLAIMS

What is claimed is:

1. A sealed rolling bearing comprising:

an outer member formed with at least one outer raceway surface on its inner circumferential surface;

an inner member formed with at least one inner raceway surface on its outer circumferential surface, said inner raceway surface with inner raceway surface arranged opposite to the outer raceway surface;

rolling elements freely rollably contained between the outer and inner raceway surfaces; and

sealing devices arranged in an annular space formed between the outer and inner members, each of the sealing devices has sealing lips of an elastic member, the maximum height Ry or Rmax of the surface roughness of a sliding surface of a member of a rotational side, which the sealing lips sliding contact, is limited to a value of 2.0μm or less, and the run-out of the sliding surface, normal thereto, is limited to a value of 30μm or less.

2. The sealed rolling bearing of claim 1 wherein the sealing device includes a sealing ring mounted on a member of a stationary side and a slinger mounted on a member of a rotational side, and the sealing lips forming the sealing ring sliding contact the slinger.

3. The sealed rolling bearing of claim 1 wherein the sealing device includes a sealing ring, mounted on a member of a stationary side, with side lips and a radial lip, the sealing lips directly slidingly contacts the member of a rotational side.

4. The sealed rolling bearing of claim 1 wherein the sealing device includes a sealing ring, mounted on a member of a stationary side, with a main lip and a sub lip, the main lip directly sliding contacts a sealing groove formed on a member of a rotational side, said sealing groove having a substantially U-shaped cross-section, and the sub lip slidingly contacts a ridge of the sealing groove via a small interference.

5. The sealed rolling bearing of claim 1 wherein the maximum height Ry or Rmax of the surface roughness of the sliding surface is limited to a value of 1.2μm or less, and the run-out of the sliding surface, normal thereto, is limited to a value of 10μm or less.